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## FAX COVER SHEET

**DATE:** January 23, 2006

**TO:** Examiner: Fred G. Prince, USPTO  
Art Unit : 1724

**FAX:** 1-571-273-8300

**FROM:** Miriam Paton  
Integral Intellectual Property Inc.

**FAX:** 1-800-660-3911

**RE:** Appln. No. : 10/717,951  
Applicant : VAN VLIET, DAVID, R. et al.  
Filed : November 19, 2003  
Title : TREATMENT OF A WASTE STREAM THROUGH  
PRODUCTION AND UTILIZATION OF OXYHYDROGEN GAS

**Number of pages (including fax cover sheet):** 6

JAN 23 2006

## AppliC

**Application No.: 10/717,951  
Examiner: Fred G. Prince**

**Tentative Participants:**

**(1) Miriam Paton, reg. #56,62**

### **(3) Herb Campbell**

**Proposed Date of Interview:** Jan.

**Type of Interview Requested:**  
**(1) Telephonic      (2) In Person**

(1)  Telephonie      (2)  Per

**Exhibit To Be Shown or Demons-**  
**If yes, provide brief description:-**

Issues (Rej., Obj., etc)	Claims/ Fig. #s
(1) <u>Rej. 102</u>	<u>claim 1, 33</u>
(2) <u>Rej. 103</u>	<u>claim 1, 33</u>
(3) <u>Rej.</u>	<u>claims 34, 3</u>
(4) [ ] Continuation Sheet Attached	

**Brief Description of Arguments to Support the Rejection of Claim 1**

**Claim 1 amended to include limitations**

**not convinced that amended claim**

**limitations related to disinfection are**

**NOTE:** This form should be completed as soon as possible. This application will not be delayed in interview. Therefore, applicant is advised to complete this form as soon as possible.

**Applicant/Applicant's Representative**  
**Miriam Paton**  
**Typed/Printed Name of Applicant**  
**56,623**  
**Registration Number, if any**

This collection of information is required by 37 CFR USPTO to process) an application. Confidentiality is complete, including gathering, preparing, and making comments on the amount of time you require to complete your application. U.S. Patent and Trademark Office, U.S. Department of Commerce  
**TO THIS ADDRESS: SEND TO: Commissioner**  
*If you need assistance*

**BEST AVAILABLE COPY**

Appln. No. : 10/717,951 Confirmation No. 9021  
 Applicant : VAN VLIET, DAVID, R. et al.  
 Filed : November 19, 2003  
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 AND UTILIZATION OF OXYHYDROGEN GAS  
 Customer No. : 52169

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Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

## PROPOSED RESPONSE

(For discussion purposes only)

This is a proposed response to the Final Office Action mailed December 23, 2005, sent in advance of the telephone interview scheduled for January 26, 2006 at 11 a.m.

### Claim Rejections 35 USC § 102

With regard to claim rejections under 35 USC § 102, it appears that the Examiner accepts that claim 33 does not raise anticipation rejections for the inventions disclosed in Robert (EP 0748984), Wesley (U.S. Pat. No. 3,829,368), and Mehl (U.S. Pat. No. 3,523,891). In light of this we propose amending claim 1 to include the features of claim 33 to distinguish over the prior art. In particular we suggest the following:

Claim 1 (proposed amendment by including the features of claim 33):

A method for treating a waste stream in a waste treatment system, the method comprising the steps of:

operating an oxyhydrogen gas generator within the waste treatment system to produce oxyhydrogen-rich gas by submersing a pair of closely spaced electrodes in said waste stream and supplying a pulsed electrical signal to at least one of said electrodes to produce said oxyhydrogen-rich gas;

contacting at least a portion of the waste stream with at least a portion of the oxyhydrogen-rich gas to conduct a unit process for treating the waste stream; and

conveying at least a portion of the oxyhydrogen-rich gas for a second use in the waste treatment system.